Work Orde	er ID 112541 11:48:59 AM		2 4 3	*112	2541*							Page	1
Revision ID:	D3407-043 Tow Ring	8407	-0 4 ³ 12 5 41 *12	Accept	*N900	<u>040</u>	100)* s	_	Start Stop	171	S1* S2*	
Start Date: Required Date:	1/30/14 Start Q 1/30/14 Req'd Q	ty: 12.00 Qty: 12.00	*12 *12)*)*	Cust Item :	ID:							
Reference:							_	-		64 4			
Approvals:	Process Plan:		Date: 14-02	-03 Tooling:	D	ate:		R	un	Start	*N	R1*	
	QC:		Date:	SPC (Y/N):	D				Stop	*NR2		k	
Sequence ID/ Work Center II	Operati D Descrip			Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reje Qty		Reject Number	Insp. Stamp	
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D3407	Rev E												
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*11 0 * cc		Memo		0.00				(13)	<u> </u>	4-0?	5-03		3 89
Quality Control		Memo											
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Quality Control

DQA:	Date:											TRACE			
						WORK ORDER NON-	-CC	ONFO	RMANCE / UPDATE			_	AEROSPACE		
QA Closed:			Date:							W	ork Order up	date only			
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Work Orde	er: -			•	_	Rework	1 l		Skid-tube Crosstube			Water Jet	Engineering		
Part N	J۸					Scrap	!	1	Machining Small Fab	Pro	d. Eng. Coor.	Quality			
	•••					Use-as-is	1 1		noforming Finishing			e/Packaging	Other		
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		Cracks				Broken/Damage/Defect		Hardwa	are		Part Incorre	ci	Temperature/Cure		
		Crimp/Kir	nk/Ripple	/Wave		Burrs		Inspect	ion Incomplete/Unqualified		Part Lost/Mi	ssing	Weld		
		Cuffs				Contamination		Instruc	tions Incomplete/Unclear		Part Moved		Wrong Stock Pulled		
		Crushing				Countersink		Misali	gned/off center		Positioned V	Vrong			
	Heat Treat			Cut Too Short		Mislab	eled		Power Loss/	Surge	Other				
	Inspection Strip in Tube			Drawing		Misrea	d								
	Marks/Chatter		Drill Holes		Off-set										
	Turning Sequence		Finish		Out of Calibration										
		Wave/Twist in Tube		Fit/Function		Out of	Sequence								

Work Ord				*112				Pa	ige 2		
Item ID: Revision ID: Item Name: Start Date: Required Date:	D3407-043 Tow Ring 1/30/14 1/30/14	Start Qty: 12.00 Req'd Qty: 12.00	*12* *12*	Accept	*N900 Cust Item I Customer:	04010 0)* s	Setup S		*NS1: *NS2:	
Approvals:	Process Pla	n:	Date:	Tooling: SPC (Y/N):		ate:	F		Start Stop	*NR1 *NR2	* *
Sequence ID/ Work Center I 130 *120* Powdercoat Powder Coating	D	Operation Description White Gloss(Ref.4 3.5.1) Memo **Mask Thre TEMPERAT	per QSI005 4.3-Alum aded Section**START TI URE: TINISH	Set Up/ Run Hours 0.00 0.00 ME: ///35	Tool ID OVEN	Tool # Plan Code	Accept Qty /3	Rejec Qty	Nı	eject Insp. umber Stam	
140 *140* QC	,	QC3- Inspect Part Finish Memo		0.00 PAS 27 0.00 949 0.00) 4 2	5)5		13				

150

Identify as per dwg & Stock Location: 57465 0.00

150 Packaging

Quality Control

Packaging

Memo

0.00

13x DAS 14-03-5

DQA:			Date:													
						WORK ORDER NON-	-CC	ONFO	RMANCE / UP				- -		AEROSPACE	
QA Closed:			Date:								Wc	ork Order up	date only			
Work Orde	r·					DISPOSITION				AGAINST	IST DEPARTMENT/PROCESS					
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7 7 W IN	VI UUI		

112541

Page 3

January-30-14 11:48:59 AM

Item ID: D3407-043

Accept

N900040100

Setup Start

Revision ID:

Start Date:

Item Name: Tow Ring

Required Date: 1/30/14

1/30/14

Start Oty: 12.00 Reg'd Oty: 12.00

12 *19*

Cust Item ID:

Customer:

Reference:

Approvals:

Process Plan:

QC:

Date: Date:

Tooling:

SPC (Y/N):

Date:

Date:

Start Run

Stop

Sequence ID/ **Work Center ID** Operation Description

Set Up/ **Run Hours** Tool ID

Tool# Plan Code

Accept Qty

Reject Reject Qty

Insp. Number Stamp

160 *160*

Memo

0.00

0.00

OC21- Final Inspection - Work Order Release

Quality Control

- 1/403-6 M4-03.06

DQA:		···	Date:										JUW.BL
						WORK ORDER NON-	-CC	ONFO	RMANCE / UPDA				AEROSPACE
QA Closed:			Date:							W	ork Order up	date only	
Work Orde	ır.					DISPOSITION							
Work Orac	•				-	Rework	1		Skid-tube C	rosstube]	Water Jet	Engineering
Part N	lo.					Scrap	1			mall Fab	Pro	d. Eng. Coor.	Quality
	-				_	Use-as-is	1		· ·	Finishing	4	e/Packaging	Other
NCR N	lo.					Suspected Unapproved		Large Fab Composite]	Supplier	
							_			-	-		
Root					Desci	ription of work order update		Initial	Action		Sign &		
Cause	_	Date	Step	Qty		or non-conformance	Ch	ief Eng	Description	on	Date	Verification	QC Inspector
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		Centre No	ot Concer	ntric		BOM/Route		Grain			Over/Under	tolerance	Set-up
		Cracks				Broken/Damage/Defect		Hardw	are		Part Incorred	cí 📗	Temperature/Cure
		Crimp/Kiı	nk/Ripple	/Wave		Burrs		Inspec	tion Incomplete/Unqua	lified	Part Lost/Mi	ssing	Weld
		Cuffs				Contamination		Instruc	tions Incomplete/Uncle	ear	Part Moved		Wrong Stock Pulled
		Crushing				Countersink		Misali	gned/off center		Positioned V	Vrong	_
		Heat Trea	at			Cut Too Short		Mislab	eled		Power Loss/	Surge	Other
		Inspectio	n Strip in	Tube		Drawing		Misrea	nd ·		-		e
		Marks/Ch	natter			Drill Holes		Off-set					
		Turning S	· -			Finish	Out of Calibration						
		Wave/Twist in Tube				Fit/Function		Out of	Sequence		. =		

January-30-14 11:48:58 AM

Work Order ID:

112541

Parent Item:

D3407-043

Parent Item Name:

Tow Ring

Start Date: 1/30/14

Required Date: 1/30/14

Start Qty: 12.00

Required Qty: 12.00

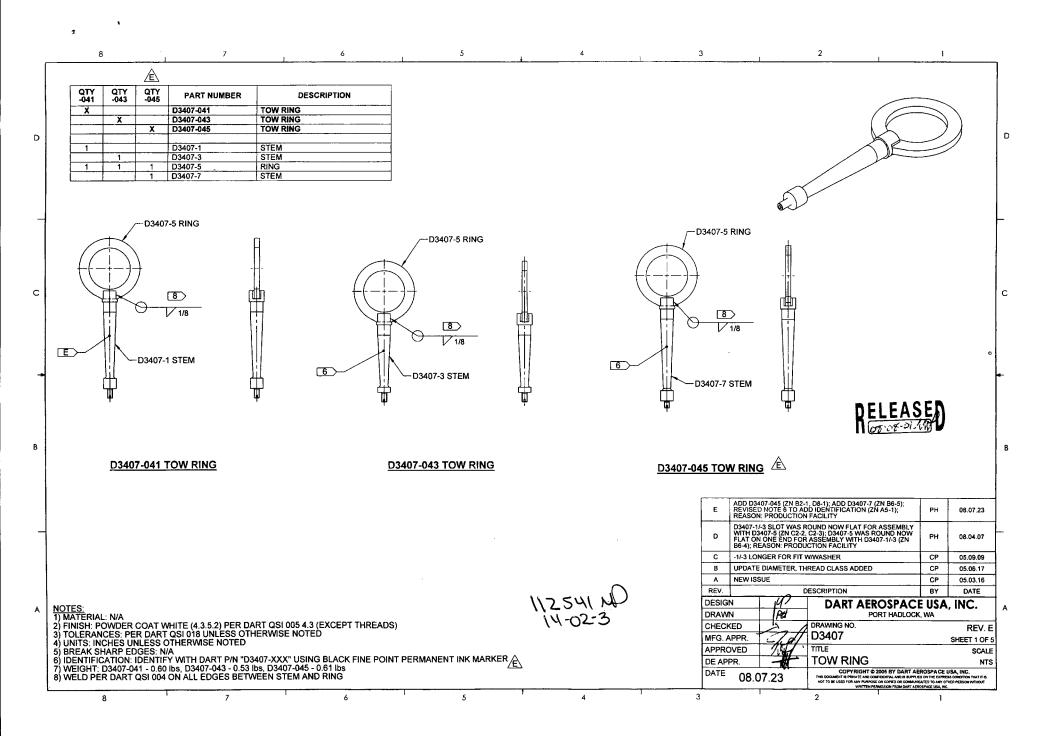
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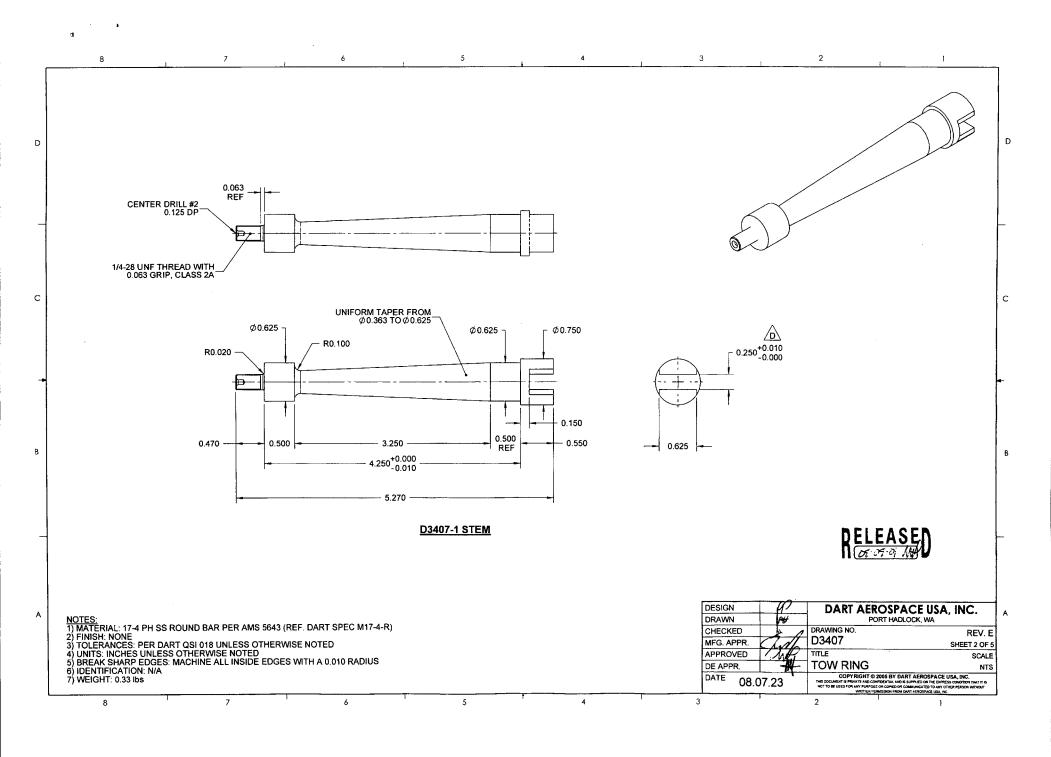
IPP Rev:A05.10.14New issueKJ/EC

IPP Rev:B 08-09-09 revE as per dwg DD verified by:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D3407-3 Stem		Manufactured	No	- <u>, , </u>		100	Each	65.0000	1	A 12	4-2-2	3	
				Location		Loc Oty	<u>Lo</u>	c Code					
				WA001		65							
				$ \begin{array}{c} 103 \\ \hline 103 \end{array} $	663	22 23				/3			
					685	20				<u> </u>			
D3407-5 Ring		Manufactured	No			100	Each	13.0000	1	12	19-2-3	08/	
				Location		Loc Qty	Lo	c Code					
				WA 001	467	13 13				<u>′3</u> .			

DQA:			Date:										
						WORK ORDER NON-	-CC	NFO	RMANCE / UPDATE				AEROSPACE
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		Bending			_	Bend		1	Program	_	Outside Dim		Pressure/Forced
	L	Centre No	ot Concer	ntric	<u> </u>	BOM/Route	\vdash	Grain			Over/Under		Set-up
	_	Cracks			<u> </u>	Broken/Damage/Defect	\vdash	Hardwa		-	Part Incorred		Temperature/Cure
	_	Crimp/Kir	nk/Ripple	:/Wave	\vdash	Burrs	\vdash	1	tion Incomplete/Unqualified	\vdash	Part Lost/Mi	ssing	Weld
		Cuffs			<u> </u>	Contamination	\vdash	4	tions Incomplete/Unclear	\vdash	Part Moved	L	Wrong Stock Pulled
	<u> </u>	Crushing			 	Countersink	<u></u>	4	gned/off center	L	Positioned V		المراجعة المراجعة المراجعة المراجعة المراجعة المراجعة المراجعة المراجعة المراجعة المراجعة المراجعة المراجعة ا
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	Turning Sequence		<u> </u>	Finish Fit /Function	\vdash	4	Calibration						
ŀ	1	Wave/Twist in Tube				Fit/Function	1	Jout of	Sequence				





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